

Sequence Listing

SEQ ID NO: 1

16s rDNA sequence for strain #44442 (sequence listed 5'⇒3'):

GACGAACGCTGGCGCGTCTTAACACATGCAAGTCGAGCGGTAAAGGCC
TTCGGGGTACACGAGCGCGAACGGGTGAGTAACACGTGGGTAAACCTGCC
CTGTACTCCGGATAAGCCTGGAAACTAGGTCTAATACCGGATACGACC
CCATAGGGCATCTTGTGGGTGAAAGTCCGGCGGTATGGGATGGACCC
GCGGCCATACGCTTGTGGGTGATGCCCTACCAAGGCGACGACGG
GTAGCCGGCCTGAGAGGGTGACCGGCCACACTGGGACTGAGACACGGCC
AGACTCCTACGGGAGGCAGCAGTGGGAATATTGCAACAATGGCGAAAGC
CTGATGCAGCGACGCCCGTGAGGGATGACGGCCTCGGGTTGAAACCT
CTTCAGCAGGGACGAAGCGCAAGTGTACGGTACCTGCAGAAGAAGCACCG
GCTAACTACGTGCCAGCAGCCCGTAAATACGTAGGTGCGAGCGTTGTC
CGGAATTATTGGCGTAAAGAGCTCGTAGGCGGTTGTTGCGTCGGCCGTG
AAAACCTACGCTAACGTGGAGCCTCGGTGATACGGCAGACTTGAG
TTCGGCAGGGGAGACTGGAATTCTGTGTAGCGGTGAAATGCGCAGATA
TCAGGAGGAACACCGGTGGCGAAGGCGGTCTCTGGGCCGATACTGACGC
TGAGGAGCGAAAGCGTGGGAGCGAACAGGATTAGATACCCCTGGTAGTCC
ACGCCGTAACGCTTAAGCACCCCGCTGGGAGTACGGCCGCAAGGCTA
AAACTCAAAGGAATTGACGGGGGCCGCACAAGCGCGGAGCATGTGGAT
TAATTGCGATGCAACGCGAAGAACCTAACGGCTTGACATGCACCGGAA
ACCTGCAAGAGATGTAGGCCTCTCGGACTGGTGTACAGGTGGTGATGGCT
GTCGTAGCTCGTGTGAGATGTTGGGTTAAGTCCGCAACGAGCGCAA
CCCTCGTTCCATGTTGCCAGCGCGTTATGGCGGGACTCATGGGAGACTGC
CGGGGTCAACTCGGAGGAAGGTGGGATGACGTCAAGTCATCATGCCCT
TATGTCAGGGCTTCACACATGCTACAAATGGCCGGTACAGAGGGCTGCTA
AGCCGTGAGGTGGAGCGAACACCCAAAAAGCCGGTCTCAGTTGGATCGGG
GTCTGCAACTCGACCCCGTGAAGTCGGAGTCGCTAGTAATCGCAGATCAG
CAACGCTGCGGTGAATACGTTCCCGGCTGTACACACCGCCCGTACGT
CACGAAAGTCGGTAACACCGAAGCCCGTGGCCAACCCGCAAGGGGGGG
AGCGGTGCAAGGTGGGACTGGCGATTGGGAC

SEQ ID NO: 2

16s rDNA sequence for strain #45494 (sequence listed 5'⇒3'):

GACGAACGCTGGCGCGTGTAAACACATGCAAGTCGAGCGGTAAAGGCC
TTCGGGGTACACGAGCGCGAACGGGTGAGTAACACGTGGTAACCTGCC
CTGTACTCCGGATAAGCCTGGAAACTAGGTCTAATACCGGATACGACC
CCATAAGGCATCTGTGGGTGGAAAGTCCGGCGGTATGGGATGGACCC
GCGGCCTATCAGCTTGTGGGTGATGGCTACCAAGGGCGACGACGG
GTAGCCGGCCTGAGAGGGTACCGGCCACACTGGGACTGAGACACGGCC
AGACTCCTACGGGAGGCAGCAGTGGGAATATTGACAAATGGCGAAAGC
CTGATGCAGCGACGCCGCGTGAAGGGATGACGGCTTCGGTTGAAACCT
CTTTCAGCAGGGACGAAGCGCAAGTGACGGTACCTGCAGAAAGACCCG
GCTAACTACGTGCCAGCAGCCCGGTAAACGTAGGGTGCAGCGTTGTC
CGGAATTATTGGCGTAAAGAGCTGTAGCGGTTGTTGCGTCGGCGTG
AAAACCTCACGCTAACGTGGAGCCTCGCGTCGATACGGGAGACTTGAG
TTCGGCAGGGGAGACTGGAATTCCCTGGTGTAGCGGTGAAATGCGCAGATA
TCAGGAGGAACACCGGTGGCAAGGCCGGTCTCTGGGCCGATACTGACGC
TGAGGAGCGAAAGCGTGGGAGCGAACAGGATTAGATAACCTGGTAGTC
ACGCCGTAACCGTGGGTGCTAGGTGTTGGGACTTCCACGTCCTCCGTG
CGCAGCTAACGCTAACGCAACCCCCCGCTGGGAGTACGGCCGCAAGGCTA
AAACTCAAAGGAATTGACGGGGCCCGACAAGCGCGGAGCATGTGGAT
TAATTGATGCAACCGAAGAACCTAACCTGGGTTGACATGCACCGGAA
ACCTGAGAGATGTAGGCCTTCGGACTGGTGTACAGGTGGTCATGGCT
GTCGTCACTCGTGTGAGATGTTGGTTAAGTCCCACGAGCGCAA
CCCTCGTCCATGTTGCCAGCGCGTTATGGCGGGACTCATGGGAGACTGC
CGGGTCAACTCGAGGAAGGTGGGATGACGTCAGTCATCATGCCCT
TATGTCAGGGCTTCACACATGCTACAATGCCGGTACAGAGGGCTGCTA
AGCCGTGAGGTGGAGCGAACCCAAAAAGCCGGTCTCAGTCGGATCGGG
GTCTGCAACTCGACCCCCGTGAAGTCGGAGTCGCTAGTAATCGCAGATCAG
CAACGCTCGGGTGAATACGTTCCCGGCCCTGTAACACACCGCCGTCACGT
CACGAAAGTCGTAACACCCGAAGCCGTGGCCAACCCGCAAGGGGGGG
AGCGGTGCAAGGTGGACTGGCGATTGGGACGAAGTCGTAACAAGGTAGC
CGTACCGGAAGGTGC

SEQ ID NO: 3 GAG TTT GAT CCT GGC TCA G
SEQ ID NO: 4 CGG TGT GTR CAA GGC CC
SEQ ID NO: 5 GCA ACG AGC GCA ACC C
SEQ ID NO: 6 CCG TCA ATT CAT TTG AGT TT
SEQ ID NO: 7 ATT AGA TAC CCT GGT AG
SEQ ID NO: 8 CAG CMG CCG CGG TAA TWC
SEQ ID NO: 9 GWA TTA CCG CGG CKG CTG
SEQ ID NO: 10 TAC GGG AGG CAG CAG
SEQ ID NO: 12 CTG CTG CCT CCC GTA
SEQ ID NO: 13 AGA AAG GAG GTG ATC CAG CC